

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet

3

of

**Complete if Known**

Application Number

Filing Date

First Named Inventor

Mack, David H.

Art Unit

1656

Examiner Name

J. Siew

Attorney Docket Number

018547-034810US

JCS27 U.S. PTO  
10/028748

12/21/01

**U.S. PATENT DOCUMENTS**

Examiner	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	AA	US 4,683,202		01/1998	Shuber	
	AB	US 5,143,854		09/1992	Pirung et al.	
	AC	US 5,206,137		04/1993	Ip et al.	
	AD	US 5,445,934		08/1995	Fodor et al.	
	AE	US 5,492,806		02/1996	Dmanac et al.	
	AF	US 5,525,464		06/1996	Dmanac et al.	
	AG	US 5,571,639		11/1996	Hubbell et al.	
	AH	US 5,593,839		01/1997	Hubbell et al.	
	AI	US 5,667,972		09/1997	Dmanac et al.	
	AJ	US 5,695,940		12/1997	Dmanac et al.	
	AK	US 5,700,637		12/1997	Southern	
	AL	US 5,707,806		01/1998	Shuber	
	AM	US 5,777,888		07/1998	Rine et al.	
	AN	US 5,871,697		02/1999	Rothberg et al.	
	AO	US 5,811,137		10/1995	Chee et al.	
	AP	US-SN 08/828,952			Webster et al.	
	AQ					

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	AR	EPO	0 235 726		05/1989			
	AS	EPO	0 307 476 A1		03/1989			
	AT	EPO	0 392 546 A1		10/1990			
	AU	EPO	0 717 113		07/1996			
	AV	EPO	0 848 067		06/1998			
	AW	WIPO	WO89/11548		11/1989			
	AX	WIPO	WO90/15070		12/1990			
	AY	WIPO	WO92/10092		06/1992			
	AZ	WIPO	WO92/10588		06/1992			
	BA	WIPO	WO93/22456		11/1993			
	BB	WIPO	WO95/11995		05/1995			
	BC	WIPO	WO96/23078		08/1996			
	BD	WIPO	WO97/10365		03/1997			
	BE	WIPO	WO97/17317		05/1997			

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1/12/03

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		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
JS	BF	WIPO	WO97/19410		05/1997	class. document		
JS	BG	WIPO	WO97/27317		07/1997			
JS	BH	WIPO	WO97/29212		08/1997			
	BI							

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
JS	BJ	Adams et al., "Complementary DNA Sequencing: Expressed Sequence Tags and Human Genome Project," <u>Science</u> , 252(5013):1651-1656 (1991).	
	BK	Dmanac, "Sequencing of Megabase Plus DNA by Hybridization: Theory of the Method," <u>Genomics</u> , 4:114-128 (1989).	
	BL	Frickett et al., "Development Of A Database For Nucleotide Sequences", <u>Mathematical Methods for DNA Sequences</u> , CRC Press, Ed. Waterman, pp. 2-34 (1989).	
	BM	Gibbs et al., "Detection of Single DNA Base Differences by Competitive Oligonucleotide Priming", <u>Nucleic Acid Res.</u> , 17(7):2437-2448 (1989).	
	BN	Guatelli et al., "Isothermal, In Vitro Amplification of Nucleic Acids by a Multienzyme Reaction Modeled After Retroviral Replication", <u>Proc. Natl. Acad. Sci. USA</u> , 87(5):1874-1878 (1990).	
	BO	Gusella, "DNA Polymorphism and Human Disease", <u>Annu. Rev. Biochem.</u> , 55:831-854 (1986).	
	BP	Hara et al., "Subtractive cDNA Cloning Using Oligo(dT) <sub>30</sub> -Latex And PCR: Isolation Of cDNA Clones Specific To Undifferentiated Human Embryonal Carcinoma Cells", <u>Nucleic Acids Res.</u> , 19(25):7097-7104 (1991)	
	BQ	IntelliGenetics Suite (TM), Release 5.4, Advanced Training Manual, January 1993, published by IntelliGenetics, Inc., 700 East El Camino Real, Mountain View, California 94040, USA, pages (1-6) - (1-19) and (2-9) - (2-14), see entire document.	
	BR	Khan et al., "Single Pass Sequencing And Physical And Genetic Mapping Of Human Brain cDNAs", <u>Nat Genet.</u> , 2(3):180-185 (1992).	
	BS	Kwoh et al., "Transcription-Based Amplification System and Detection of Amplified Human Immunodeficiency Virus Type 1 With a Bead-Based Sandwich Hybridization Format", <u>Proc. Natl. Acad. Sci. USA</u> , 86(4):1173-1177 (1989).	
	BT	Landegren et al., "A Ligase-Mediated Gene Detection Technique", <u>Science</u> , 241(4869):1077-1080 (1988).	
JS	BU	Matsubara et al., "Identification Of New Genes By Systematic Analysis Of cDNAs And Database Construction", <u>Curr. Opin. Biotechnol.</u> , 4(6):672-677 (1993).	

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First Named Inventor

Mack, David H.

Art Unit

1656

Examiner Name

J. Siew

Attorney Docket Number

018547-034810US

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Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
JS	BV	Mattila et al., "Fidelity of DNA Synthesis by the Thermococcus litoralis DNA Polymerase--An Extremely Heat Stable Enzyme With Proofreading Activity", <u>Nucleic Acids Res.</u> , 19(18):4967-4973 (1991).	
	BW	Okubo et al., "Large Scale cDNA Sequencing for Analysis of Quantitative and Qualitative Aspects of Gene Expression", <u>Nature Genetics</u> , 2(3):173-179 (1993).	
	BX	Orita et al., "Detection of Polymorphisms of Human DNA by Gel Electrophoresis as Single-Strand Conformation Polymorphisms", <u>Proc. Natl. Acad. Sci. USA</u> , 86(8):2766-2770 (1989).	
	BY	PR Newswire, "Gene Logic to Use Affymetrix GeneChip Arrays to Build Gene Expression Database Products," January 11, 1999..	
	BZ	Saiki et al., "Analysis of Enzymatically Amplified Beta-Globin and HLA-DQ Alpha DNA with Allele-Specific Oligonucleotide Probes", <u>Nature</u> , 324(6093):163-166 (1986).	
JS	CA	Wu et al., "The Ligation Amplification Reaction (LAR)--Amplification of Specific DNA Sequences Using Sequential Rounds of Template-Dependent Ligation", <u>Genomics</u> , 4(4):560-569 (1989).	

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1/12/02

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Substitute for form 1449A/PTO

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Sheet	1	of	1
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### Complete if Known

<b>Application Number</b>	10/028,748
<b>Filing Date</b>	December 21, 2001
<b>First Named Inventor</b>	Mack et. al.
<b>Art Unit</b>	1656
<b>Examiner Name</b>	J. Siew
<b>Attorney Docket Number</b>	018547-034810US

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